MDOT



Detroit Airports District Office 11677 South Wayne Road Suite 107 Romulus, MI 48174

RECEIVED

JUL 25 2016

Aviation Services Division

July 22, 2016

Mr. Karl Randall, Manager of Aviation Oakland County International Airport 6500 Patterson Parkway Waterford, MI 48327

Dear Mr. Randall:

Oakland County International Airport (PTK), Pontiac, Michigan Future AIP Project Rehabilitation of Taxiway C and Connectors Conditional Approval of Modification of General Provisions Section 50-06

Enclosed is one conditionally approved copy of the General Provisions Section 50-06 of Advisory Circular 150/5370-10G Modification of Standard request for the Rehabilitation of Taxiway C and Connectors project at Oakland County International Airport.

This modification is approved conditioned upon following the stipulation that the contractor is allowed to review the Engineer's staking to ensure they will be able to successfully complete the project and previous conditions as attached with the submittal.

Please be aware that this conditional approval only applies to the subject project. If you have any questions concerning this letter please contact me at (734)229-2915 or at irene.porter@faa.gov.

Sincerely,

ORIGINAL SIGNED BY

Irene R. Porter
Program Manager
Federal Aviation Administration
Detroit Airports District Office

cc: Michigan DOT - Office of Aeronautics

VERTINAL MARCHER

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COMPLETE FORM IN CONJUNCTION WITH THE USER GUIDE

BACKGROUND			
1. AIRPORT:	2. LOCATION (CITY,STATE):		3. LOC ID:
Oakland County International	Waterford Township, Michiga	ın	PTK
4. EFFECTED RUNWAY/TAXIWAY:	5. APPROACH (EACH RUNWAY):	6. AIRPORT REF. CO	DDE (ARC):
Not applicable	Not applicable	Not applicable	
7. DESIGN AIRCRAFT (EACH RUNWAY/	TAXIWAY):	······································	
Not applicable			
MODIFICATION OF STANDAR	DS		
8. TITLE OF STANDARD(S) BEING MODI FAA Advisory Circular 150/5370-10G General Provisions Section 50-06 Construction			
9. STANDARD/REQUIREMENT: Contractor Staking			
10. DESCRIPTION OF PROPOSED MODIF Replace contractor staking with engineer stak Contractor will remain responsible for replaci	ing. The Engineer will retain the layout of hori	zontal and vertical control as p	previously required. The
11. EXPLAIN WHY STANDARD(S) CANN	ОТ ВЕ МЕТ:		
The Engineer will be responsible for all staking	ng requirements on the project. The contractua	requirements of engineer stal	king in Michigan is as follows:
The Consultant (Engineer) is responsible for t benchmarks and grade stakes, taking cross sec aids. The field method of staking is to be dete with project plans and specifications.	ction elevations, and laying out the location an	d elevation of runway and taxi	way lighting and navigational
If applicable, permanent runway centerline me points, and approach surface locations set by construction plans.	onuments and approach surface markers shall the Consultant. Requirements for the location.	be replaced by the contractor, s and installation of these mark	at the runway alignment control cers must be shown in the
12. DISCUSS ALL VIABLE ALTERNATIV	ES:		
There are only two viable alternatives for this	section, contractor staking or engineer staking	g for construction layout.	
13. ASSURANCE THAT MTS WILL PROV	IDE AS OUTLINED IN THE 'USER GUIDE	?;	
This modification will not affect the quality of	f the project but rather only the party that is po	erforming the construction lay	out and staking.
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APPLIANT A DATE	IONAL SHEETS AS NECESSAR'	V INCLUDE CLEEC	II/DLAN

14. Skip to Question 15 if request is not for a Modi	fication To Material Standards or Construction Methods.	
	CHECK WHEN APPLICABLE	
Modifications to materials standa	ards is requested because locally available material	s cannot meet the requirements of that
	thods standards will result in cost savings and/or g	greater efficiency.
Bids have already been received	for this project.	
IF ANY OF THE ABOVE IS CHECKED PLEASE	PROVIDE ADDITIONAL DETAILS	
This modification will allow Oakland County Airpo coordination issues between the engineer and contra and will be able to more efficiently layout the proje	orts to continue with the efficient survey system currently used actor to a minimum allowing for a more efficient project. The ect.	by MDOT on other airport projects. It will also keep ngineers also have a better understanding of the plans
15. SIGNATURE OF ORIGINATOR:	16. PRINTED NAME OF ORIGINATOR	17. DATE
Zarlu Sandall	Karl W. Randall Manager of Aviation	JUNE 10, 2016
J.S. ORIGINATOR'S ORGANIZATION:	19. TELEPHONE	20. E-MAIL
Oakland County International Airport	(248) 666-3900	randallk@oakgov.com
21. DATE OF LATEST FAA SIGNED ALP:		
August 9, 2007		

	BELOW IS TO BE	COMPLETED I	BY FAA	
22. ADO RECOMMENDATION: Conditional Appl		n RPor	ete 24.1	16/16/16
25. FAA DIVISIONAL REVIEW (AT, AF,	FS, etc.):			
	eteral County	DATE	CONCUR	NON-CONCUR
ROUTING SYMBOL	SIGNATURE	DATE	Concon	
			,	
COMMENTS:				1
26. AIRPORTS' DIVISION FINAL ACTIO	ON: It is the Regional Office's opin	on that the request to mo	dify the General Provisions	Section 50-06 of AC 150/5370-
10G for Oakland County International Airp	ort (PTK) would be acceptable with	me condition stated beto	w.	
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		X		
INCONDITIONAL APPROX		IAL APPROVAL	TTLE: Planning & Program	WELLEROW VI
DATE: 7/12/2016	SIGNATURE:		TIEE. Faming & Fregum	mmg Dimen minager
CONDITIONS OF APPROVAL:				
Approval is based on the sponsor allowing	the Contractor to review the Engine	er's staking to ensure that	t they will be able to success	sfully complete the project.
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COMPLETE FORM IN CONJUNCTION WITH THE USER GUIDE

BACKGROUND			
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Lenawee County Airport	Admin, wicingmi		
4. EFFECTED RUNWAY/FAXIWAY:	S. APPROACH (EACH RUNWAY): NA	6. AIRPORT REF. CO	DE (ARC):
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	VISUAL	1	
7. DESIGN AIRCRAFT (EACH RUNWAY/T/	XXIWAY):	<u>., l.,</u>	
NA			
MODIFICATION OF STANDARD	S		
8. TITLE OF STANDARD(S) BEING MODIF	IED (CITE REFERENCE DOCUMENT):		
Advisory Circular 150/5370100 General Provisions Section 50-06 Cor	setmetion Loveritand Clabes		
9, STANDARO/REQUIREMENT:	SHUMION ERYON AND SIGNOS		
Contractor Staking			
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10, DESCRIPTION OF PROPOSED MODIFIC	CATION:	the largest of herbran	tal and vartical control as
Replace Contractor Staking with Bing	neer Staking. The Engineer will retain Il remain responsible for replacing dan	the inyout of horizon seed stakes.	dat and Actival Coulds 82
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11. EXPLAIN WHY STANDARD(S) CANNO	of Bumbi: Ill staking requirements on the project.	The contractual requ	frements for engineer
staking in Michigan is as follows:			
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The Consultant is responsible for the	construction surveying required to accorde stakes, taking cross section elevat	ompusa tae contract ions, and laving out t	he location and elevation
Lateranian and taxing up lighting and n	avigational aids. The field method of s	laking is to be detern	imed by ine consumul, as
long as adequate project control is pro	ovided to allow the contractor to comp	ly with project plans	and specifications.
If applicable, permanent runway cent	criinc monuments and approach surfac and approach surface locations set by	e markers shall be pl the Consultant, Regn	irements for the locations
the runway alignment control points, and installation of these markers mus	t be shown in the construction plans.	me consumm requ	CONTRACTOR OF THE PARTY OF THE
12. DISCUSS ALL VIABLE ALTERNATIVE	ES:	a stabiling for constru	stion layout
There are only two viable alternative	s for this section, contractor or enginee	e attacting for constitu	Aton tajous

13. ASSURANCE THAT MTS WILL PROVIDE AS OUTLINED IN THE USER GOIDE: The MTS will not affect the quality of the project, but rather only the party that is completing the construction layout a staking.	ınd
ATTACH ADDITIONAL SHEETS AS NECESSARY - INCLUDE SKETCH/PLAN	

	CHECK WHEN APPLICABLE	Cily
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Modifications to construction meti	ods standards will result in cost savings and/or grea	nter efficiency.
Bids have already been received for	or this project.	
ANY OF THE ABOVE IS CHECKED PLEASE I	ROVIDE ADDITIONAL DETAILS.	a the contract of the contract
an baan coordination issues between the	oort sponsors to continue with the efficient survey s engineer and the contractor to a minimum allowing of the plans and will be able to more effectively lay	for a more entrerent broless, case
15. SIGNATURE OF ORIGINATOR:	16. PRINTED NAME OF ORIGINATOR	17. DATE
15. SIGNATURE OF ORIGINATOR:	Joseph Malak	1/1/2016
15. SIGNATURE OF ORIGINATOR: 18. ORIGINATOR'S ORGANIZATION:		
Joseph Mt.C.	Joseph Malak	1/1/2016

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25. FAA DIVISIONAL REVIEW (AT,	AF, US, etc.):					
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State of Michigan's	on-going re	equest for	the developmen	J 01 9	tate Standard	as at non-primary
public use airports.	The Airpor	t Sponsor	must understan	รอสสม เด เบเร	request puts	net natility for
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COMPLETE FORM IN CONJUNCTION WITH THE USER GUIDE

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f, ARPORT; Gogebic Iron County Airport	Ironwood, Michigan		IWD
4. BEFECTED RUNWAY/TAXIWAY: N/A	S. APPROACH (BACH RUNWAY). NA PIR NPI VISUAL.	6 AIRPORT REF. CC	DH (ARC):
7. DESIGN AIRCRAFT (BACH RUNWAY) NA	VI AXIWAY)		
MODIFICATION OF STANDAR			
8. TITLE OF STANDARD(8) BRING MOD Advisory Circular 150/537010G General Provisions Section 50-06 C	OFFIED (CITH REFERENCE DOCUMENT). Construction Layout and Stakes		
9. STANDARD/REQUIREMENT: Contractor Staking			
10. DESCRIPTION OF PROPOSED MODE Replace Contractor Staking with Ba currently required. The Contractor	FICATION ngineer Staking. The Engineer will retain will remain responsible for replacing da	the layout of horizon nuged stakes.	ntal and vertical control as
11. EXPLAIN WILY STANDARD(S) CAN The engineer will be responsible for staking in Michigan is as follows:	NOT BEMET: or all staking requirements on the project	The contractual requ	tirements for engineer
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I the runway alignment control poin	enterline monuments and approach surfa its, and approach surface locations set by nust be shown in the construction plans.	ce markers shall be p the Consultant. Requ	laced by the contractor, at hirements for the locations
12 DISCUSS ALL VIABLE ALTERNAT	TVIIS: ives for this section, contractor or engine	er staking for constru	etion layout.

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15 SIGNATURE OF ORIGINATOR	16. PRINTED NAME OF ORIGINATOR	17. DATE
15 SIGNATURE OF ORIGINATOR	16. PRINTED NAME OF ORIGINATOR Michael Harma	01-04-2016
15 SIGNATURE OF ORIGINATOR 18 ORIGINATOR'S ORGANIZATION.		
Mon	Michael Harma	01-04-2016

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22, ADO RECOMMENDATION			23. SIGNATU	RIE /		24. DA	
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25. FAA DIVISIONAL REVIEW (A	I, AF, IS, etc.);						
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State of Michigan's							
public use airports.							
construction staking							
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